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Anti human PPAR delta mouse monoclonal antibody

PPAR delta : Peroxisome Proliferator-Activated Receptor delta

Code No. PP-K9436-00

Clone No. K9436

RRID AB_3753404

Isotype IgG2a

Host mouse

Conjugate none

Alias NR1C2, PPARD, NUC1, NUCI, NUCII, PPAR δ , PPARdelta, PPAR beta, PPARbeta, PPAR β

UniProt ID Q03181

Entrez Gene ID 5467 (human)

Specificity This antibody specifically recognizes human PPAR delta. It does not recognize human PPAR alpha and gamma. Reactivity with other species has not been tested.

Immunogen Baculovirus-expressed recombinant human PPAR delta (1–60 aa)

Concentration 1 mg/mL

Volume 100 μ L

Formulation Physiological saline with 0.1% sodium azide as a preservative.

Purification Ammonium sulfate fractionation

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human PPAR delta (1–60 aa).

Storage Store at 2–8°C for up to one month. For long-term storage, aliquot and store at –20°C or below. Repeated freezing and thawing should be avoided, as it may cause degradation and result in reduced performance.

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a standalone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

Application	Recommended Conc. *	Data †	References ‡
ChIP (Chromatin immunoprecipitation)	—	—	2
IHC-P (Immunohistochemistry-Paraffin)	—	—	1
Super Shift / EMSA (Electrophoretic Mobility Shift Assay)	100 μ g/mL	—	—
ELISA	0.5 μ g/mL	Fig. 1	—
WB (Western Blot)	1 μ g/mL	—	3

* : Optimal dilutions/concentrations should be determined by the user.

† : Data figures are shown on page 2.

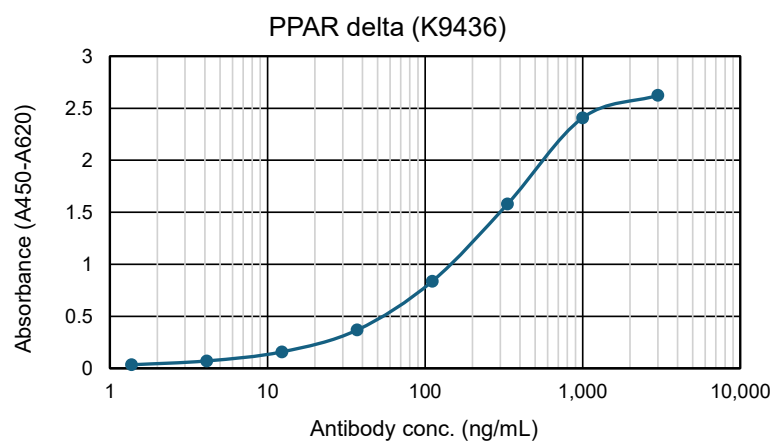
‡ : References are listed on page 2.



Full online PDF datasheet available here

Application Data

Fig. 1 Antigen-coated ELISA



Wells were coated with **human PPAR delta (1–60 aa; expressed in baculovirus)** at 1 µg/well overnight at 4°C. After blocking with non-fat dry milk for 1 h at room temperature (RT) and washing, serially diluted **anti-PPAR delta antibody (K9436)** solutions were added to each well and incubated at RT. The plate was washed, incubated with HRP-conjugated anti-mouse IgG (1:15,000) at RT, washed again, and visualized with TMB reagent.

References

1. Romanowska M, et al. PLoS One. 2010;5(3):e9701. [PMID: 20300524](#)
2. Philp A, et al. PLoS One. 2013;8(10):e77200. [PMID: 24146969](#)
3. Su RC, et al. Life (Basel). 2022;12(4):507. [PMID: 35454998](#)